

Title (en)
MECHANICAL AIRCRAFT SILL HEIGHT INDICATOR

Title (de)
MECHANISCHER ANZEIGER DER FLUGZEUGSCHWELLENHÖHE

Title (fr)
INDICATEUR MÉCANIQUE DE HAUTEUR SEUIL D'AÉRONEF

Publication
EP 3133016 A1 20170222 (EN)

Application
EP 16184617 A 20160817

Priority
US 201514829391 A 20150818

Abstract (en)
An evacuation system (100) is provided. The system may comprise a door sill (104), a girt (110) coupled to the door sill (104), a slide coupled to the girt, and a measurement device coupled the girt and/or the slide. The measurement device (112) may further comprise a line (113) having a predetermined length and a weight (114) coupled to the line (113), and the measurement device (112) may be configured to adjust a length of the slide (106) in response to a position of the weight (114). A method is also provided. The method includes opening a door to expose a door sill (104), inflating the emergency slide (106) with the emergency slide (106) coupled to the door sill (104), and deploying a measurement device (112) configured to measure a height of the door sill (104) from a surface. The measurement device (112) may comprise a line (113) coupled to the door sill (104) and a buoyant weight (114) coupled to the line (113), and wherein the line (113) has a predetermined length.

IPC 8 full level
B64D 25/14 (2006.01)

CPC (source: EP US)
B64C 1/1461 (2013.01 - US); **B64D 25/14** (2013.01 - EP US); **A62B 1/20** (2013.01 - US)

Citation (search report)
• [XI] US 3554344 A 19710112 - SUMMER JAMES R, et al
• [XI] US 3463266 A 19690826 - DAY RONALD H

Cited by
CN109131829A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3133016 A1 20170222; **EP 3133016 B1 20230412**; BR 102016014999 A2 20170221; US 2017050737 A1 20170223;
US 9914544 B2 20180313

DOCDB simple family (application)
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